

Form PTO-1449		Atty. Docket No. 00853	Serial No.
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(Use several sheets if necessary)		Applicant Fedder et al.	
		Filing Date	Group

JC62 US 5  
 09/95/98  
 11/11/11  


## U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub-Class	Filing Date
T. M.	4,660,090	Apr. 21, 1987	Hynecek			
T. M.	4,902,895	Feb. 20, 1990	Hanson			
T. M.	4,967,082	Oct. 30, 1990	Cooke et al.			
T. M.	5,144,133	Sept. 1, 1992	Dudley et al.			
T. M.	5,420,428	May 30, 1995	Bullington et al.			
T. M.	5,717,631	Feb. 10, 1998	Carley et al.			
T. M.	5,844,238	Dec. 1, 1998	Sauer et al.			
T. M.	5,965,886	Oct. 12, 1999	Sauer et al.			
T. M.	5,970,315	Oct. 19, 1999	Carley et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Document Number	Public. Date	Country or Patent Office	Class	Sub-Class	Transl Y N

**OTHER DOCUMENTS**

(Including Author, Title, Date, Relevant Pages, Place of Publication)

T.M.		Flannery et al., "Status of uncooled infrared imagers," <i>Infrared Imaging Systems</i> , SPIE Vol. 1689, pp. 379-395, 1992.
T.M.		Jensen, "Limitations to Room Temperature IR Imaging Systems," <i>Infrared Technology XIX</i> , SPIE Vol. 2020, pp. 340-350, 1993.
T.M.		Amantea et al., "An Uncooled IR Imager with 5 mK NETD," <i>SPIE Vol. 3061</i> , pp. 210-222, 1997.
T.M.		Radford et al., "Microbolometer Uncooled Infrared Camera With 20 mK NETD," <i>SPIE Conf. on Infrared Technology and Applications XXIV</i> , SPIE Vol. 3436, pp. 636-646, July 1998.
T.M.		Cole et al., "Monolithic Two-Dimensional Arrays of Micromachined Microstructures for Infrared Applications," <i>Proceedings of the IEEE</i> , Vol. 86, No. 8, pp. 1679-1686, August 1998.
T.M.		Liu et al., "A CMOS Uncooled Heat-Balancing Infrared Imager," <i>IEEE Journal of Solid State Circuits</i> , Vol. 35, No. 4, pp. 527-535, April 2000.
Examining Amotz Morom	Date Considered	11-14-03

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. 12/92

Form PTO-1449 <b>U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		Atty. Docket No. 00853	Serial No. 09/992,839				
<table border="1"> <tr> <td colspan="2">Applicant Fedder et al.</td> </tr> <tr> <td>Filing Date Nov. 19, 2001</td> <td>Group 2852</td> </tr> </table>				Applicant Fedder et al.		Filing Date Nov. 19, 2001	Group 2852
Applicant Fedder et al.							
Filing Date Nov. 19, 2001	Group 2852						

**U. S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub-Class	Filing Date

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

Examiner Initial	Document Number	Public Date	Country or Patent Office	Class	Sub-Class	Transl Y N

**OTHER DOCUMENTS**

(Including Author, Title, Date, Relevant Pages, Place of Publication)

T.M.		Amantea et al., "Progress towards an Uncooled IR Imager With 5 mK NEΔT," <i>SPIE</i> Vol. 3436, July 1998, pp. 647-659.
T.M.		Binnie et al., "An Integrated 16 x 16 PVDF Pyroelectric Sensor Array," <i>IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control</i> , vol. 47, No. 6, Nov. 2000, pp. 1413-1420.
Examiner, <i>Theresa Brown</i>	Date Considered	11-14-03
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
CITATION BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
00853Serial No.  
09/992,839JUL 29 2002  
TECHNOLOGY CENTER 2800

RECEIVED

Applicant  
Fedder et al.Filing Date  
November 19, 2001Group Art Unit  
2852

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB-CLASS	FILING DATE
T.M.	5,844,238	Dec. 1, 1998	Sauer et al.			
T.M.	6,118,124	Sep. 12, 2000	Thundat et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB-CLASS	TRANSLATION Y N
T.M.	EP 0 716 293 A1	Jun. 12, 1996	European Patent Office			

## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER SIGNATURE	DATE CONSIDERED	
<i>Timothy Brown</i>	11-14-03	
EXAMINER: Initial if citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.		

Rev. 12/92